



PATENT  
Atty. Docket No. 2303.2B

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C. Duffin

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : David H. Gelfand et al.  
SERIAL NO. : 07/387,003 GROUP ART: 188  
FILED : July 28, 1989 EXAMINER: D. Naff  
DOCKET NO. : 2303.2B  
TITLE : PURIFIED THERMOSTABLE ENZYME

91 FEB 21 PM 4:26  
GROUP 103

RESPONSE TO OFFICE ACTION

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

In an Office Action mailed September 4, 1990, Examiner rejected Claims 1, 35-41, and 53-62, all of the pending claims of the above-captioned application. Applicants respectfully request reconsideration and withdrawal of the rejections in view of the amendments and remarks set forth below.

Amendments

In the Specification

On page 5, line 31, delete "comtaminating" and insert therefor --contaminating--.

In the Claims

In Claim 1, after "buffer" and before "comprising", insert --and further--.

In Claim 38, insert a comma after "ethoxylated monyl phenol"; insert a comma after "ethoxylated fatty alcohol ethers"; and delete the "and" before "laurylethers".

In Claim 57, delete "Thermus", and after "species", insert --of the genus Thermus--.

Please amend Claim 62 as shown below:

62. (Amended) A reaction mixture that comprises nucleoside-5'-triphosphates, oligonucleotide primers, a buffer in which primer extension by a polymerase can occur, and an

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of patents and Trademarks, Washington, D.C. 20231, on this 8 day of Feb, 1991

90 By [Signature]